

Title (en)
Instrumentation for implanting prosthetic devices.

Title (de)
Einrichtung zum Implantieren von Prothesen.

Title (fr)
Dispositif pour implanter des prothèses.

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Application
EP 89312763 A 19891207

Priority
US 28901388 A 19881222

Abstract (en)
Instrumentation is described for facilitating implantation of prosthetic devices in metacarpal bones, for example. Various embodiments are disclosed which include (a) means for determining the proper orientation of the prosthetic devices, and (b) means for defining the angle and location at which each metacarpal bone is cut in order to receive the prosthetic device.

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Citation (search report)
• WO 8807840 A1 19881020 - CEMAX INC [US]
• US 4574794 A 19860311 - COOKE THEODORE D [CA], et al
• EP 0194014 A1 19860910 - THACKRAY C F LTD [GB]
• US 4487203 A 19841211 - ANDROPHY GARY W [US]
• GB 2163074 A 19860219 - ELKOUSY MOUSTAFA ABDELMONEM, et al
• CH 513639 A 19711015 - OSTEO AG ARZT UND KRANKENHAUSB [CH]
• US 4349922 A 19820921 - AGEE JOHN M

Cited by
US7022141B2; US7854737B2; US5437677A; EP1430859A1; US7235106B2; US8529578B2

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